

Supershield CrCNb

Features

- Open arc type hardfacing FCAW
- Cr-Carbide + Nb-Carbide type

Polarity

DC +

Application Areas

- Wear plates, roll mills

Shielding Gas

None

Typical Chemical Composition of All-Weld Metal (wt%)

Wire size	C	Si	Mn	Cr	Nb
1.6(1/16)	4.0	0.7	0.2	20.5	5.5
2.8(7/64)	4.8	0.9	0.2	21.0	6.5

Typical Mechanical Properties of All-Weld Metal

Item	HRC (≥4Layers)
1.6(1/16)	58~62
2.8(7/64)	60~64

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Current (A)
1.6(1/16)	250~350
2.8(7/64)	350~450

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Packaging
1.6(1/16)	Spool 15kg (33lbs) Coil 25kg(55lbs), Drum 150kg, 250kg
2.8(7/64)	
3.2(1/8)	

SMW

GMAW

GTAW

FCAW

Metal-cored Wire

SAW Wire

SAW Flux